



# Delo® Sports Advanced LE SAE 5W-30

## Sports Utility Vehicle Synthetic Engine Oil

Product Data Sheet

### Customer benefits

#### Maximizes engine life

Very highly oxidation stable synthetic base fluid combined with excellent dispersancy and anti-wear characteristics minimize deposit formation and wear thereby extending engine life. Control of soot related wear is especially important in SUV type diesel engines subject to stop/start city driving or in hard working off-road service. Wide temperature range capability of synthetic base fluids ensure optimal oil viscosity to protect against wear at start-up and under high temperature operating conditions.

#### Maximize power and performance

High performance synthetic base fluid combined with outstanding metallic detergent additive system preserves full power and performance by providing excellent upper- ring-belt deposit control under the high temperatures encountered in turbocharged diesel engines. Reduced wear and tear of valve train means maintaining combustion characteristics close to design leading to maximizing power and efficiency.

#### Minimize Operating costs

In comparison with conventional SAE 15W-40 engine oils, the fully synthetic SAE 5W- 30 formulation with outstanding viscosity control and low cranking and pumping viscosity offers potential fuel economy benefit.

#### Reduces oil consumption

SAE 5W-30 viscosity and high viscosity index synthetic base fluid provide superior control of oil flow through the piston ring area by maintaining oil viscosity and reduce oil evaporation at the elevated ring zone temperatures experienced under high temperature on or off-road conditions.

### Product features:

- **Delo® Sports Advanced LE SAE 5W-30** is a high performance, multigrade, synthetic diesel engine oil specifically designed to provide ultimate protection for sport utility, sport activity, pick up and 4x4 type vehicles that require ACEA C3 type engine oils.
- **Delo® Sports Advanced SAE 5W-30** is formulated with reduced levels of metals and the elements like phosphorus and sulfur to ensure maximum durability of the latest low emission vehicle technologies
- **Delo® Sports Advanced SAE 5W-30** is formulated from synthetic base fluids.





## Applications

- Sport utility and sport activity recreational vehicles, diesel-engined, where PCDEO type of oils meeting ACEA C3 are required.
- High performance pick up and 4x4 type vehicles, diesel-engined, where PCDEO type of meeting ACEA C3 are required.
- Diesel powered vehicles with all types of modern Aftertreatment Systems where PCDEO type of oils meeting ACEA C3 are required.
- Multivehicle fleets which require API SN quality oils for cars with gasoline engines.

## Typical key properties

DELO® SPORTS ADVANCED LE		
SAE Grade		5W-30
Product Code		500044
Base No.,mg KOH/g	D2896	8
Sulfated Ash, m %	D874	0.8
Viscosity,		
mm <sup>2</sup> /s @ 40°C	D445	69.2
mm <sup>2</sup> /s @ 100°C	D445	11.9
Viscosity Index		169
Zinc, m %	D2270	0.091

2004

## Performance standards

- ACEA C3
- API SN



## Service considerations

Light-duty diesel engines, as used in passenger cars, light commercial vehicles and sport-utility vehicles vary in their lubricant requirements. Typically, the requirement is for engine oils that have been designed expressly for light-duty diesel engines, and which meet one of the major light-duty diesel engine oil specifications, such as ACEA A/B, the ACEA C-series Sequences. These specifications require performance characteristics that are somewhat different to those customarily associated with heavy-duty engine oils (HDMOs).

Furthermore, with a growing need for mid-SAPS engine oil ACEA has defined ACEA C3 as catalyst compatible oils to be used in the engines capable of using such oil delivering better after treatment device life. Also, ACEA C3 is capable for use at extended drains in Vehicles with all types of modern aftertreatment systems. Delo Sports Advanced LE is specifically designed to cater to these applications. These oils may not be suitable for all engines types and models and OEM's owner's manual/handbook must be consulted in case of doubt.

There are however some light-duty diesel engines, particularly those from Asian builders, for which HDMOs that meet a current or recent API C-series category and or JASO DH-1 level are either required or acceptable. There are other products in the Delo® Sports series which are intended for use in such engines such as Delo Sports Advanced SAE 5W-40, Delo Sports Synthetic Blend SAE 10W-30 and Delo Sports Synthetic Blend SAE 15W-40. Please refer respective PDS for details on these products.

## ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit [www.chevronlubricants.com](http://www.chevronlubricants.com).

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:  
**Chevron Global Lubricants**  
– Asia Pacific